

## Appendix C Chktest Error Legend

Chktest is a tool used to find many common PAVE test deck errors before submitting a file for grading. Chktest focuses on file structure and data integrity issues rather than presort issues. The purpose of Chktest is to ensure that your test deck is in a suitable format for the robot to grade.

A list of Chktest's 20 possible errors are as follows:

1. PCS (START-END) HAVE NO REQUIRED PALLET/CONTAINER NO. NOT FIGURED IN TESTING! CONTAINER TYPE=(TYPE)

These pieces do not have a valid container number. Container numbers must start with 000001 for the first container in the mailing.

2. PIECE WEIGHT IN HEADER RECORD NOT NUMERIC!

The piece weight on your header record is not numeric. Therefore, the PAVE grading software cannot know how much your pieces weigh and thus cannot tell whether your containers are within minimum and maximum weight ranges.

3. FIRST RECORD IN FILE NOT A HEADER!

The first record in your test deck must always be the header record!

4. HEADER ENTRY POINT INCORRECT!

The ZIP Code for the entry point of the mail as given in your header record does not match the one specified on your cover sheet.

5. AMSII EPOCH DATE IN HEADER INCORRECT!

The AMSII Epoch Date (YYMM) that you placed in your header record does not match the Epoch Date when the file was created by PAVE.

6. PALLET (PALLET ##) CONTAINER (CONTAINER ##): PIECES START-END: FIRST TRAY IN PRESORT WAS A (TYPE) TRAY, BUT THESE PIECES ARE IN A TYPE (TYPE) TRAY!

The container type given for these pieces is different from the type given for the first piece in the mailing. For example, these pieces have a container type of "E" (EMM trays), but the first piece in the mailing had a container type of "2".

7. BAD CONTAINER TYPE! TYPE MUST BE 1,2,T,E,S,s, OR P! TYPE=(TYPE)

The container type given for these pieces is not one of the valid types listed above.

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### 8. RECORDS RETURNED BY DEVELOPER NOT = RECORDS SENT!

The test deck does not contain the right number of records. The total number of records made is placed in bytes 23-29 of the header record during creation. Chktest compares this total to the number of records that it processes.

### 9. INVALID MAILSPLIT CODES IN TEST DECK

There are mailsplit codes in this deck that are not valid for this test. For example, pieces with a mailsplit code of BF (PER Merged Flats (sacks)) were found in a 101 file, which is a First Class Letters test.

### 10. NO VALID CONTAINER TYPE FOUND! ABORTED!

The benchmark container type given for the first piece in the mailing was invalid (i.e., not 1,2,T,E,S,s or P).

### 11. DEVELOPER USED A SORTATION LEVEL NOT IN THIS PROGRAM'S SORT LEVEL/PKG BASED TABLE!

A sortation level was detected in the mailing, which is not a valid one for this presort type.

### 12. DEVELOPER ONLY PROCESSED PIECES (PIECES)! MIN FOR FCM IS 500 PIECES!

File processed is less than the required number of pieces for the First Class Mail test.

### 13. DEVELOPER ONLY PROCESSED PIECES/LBS (PIECES)/(LBS)! MIN FOR STD MAIL IS 200 PIECES OR 50 LBS!

File processed is less than the required amount of mail for the Standard Mail test.

### 14. PIECE HEIGHT IN HEADER RECORD NOT NUMERIC!

Piece height in the header record should be Numeric!

### 15. PIECE LENGTH IN HEADER RECORD NOT NUMERIC!

Piece length in the header record should be Numeric!

### 16. MAIL SPLIT CODE NEVER FOUND IN DECK

The mailsplit code that you told Chktest to look for on the screen or command line was not found in your test deck.

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### 17. CONTAINER SORTATION LEVEL IS BLANK! RECORD SEQ= PIECE

These pieces have not been given a container sortation level.

### 18. PALLET= (PALLET) TRAY= (TRAY) PKG= (PKG). FORMATTING ERROR IN (PKG SORT LEVEL) PKG DESTINATION! PIECES=(1ST PIECE-LAST PIECE)

The contents of the package destination field are inappropriate for the package sortation level given. For example, the field does not contain a CRRT for a CRD package, or it does not contain five digits for a 5DG package.

### 19. ZERO OR NON-NUMERIC CONTAINER DESTINATION! PIECES (START PIECE-END PIECE).

The first three digits of the container destination field are not numeric (the PAVE grading software checks this more finely based on the container sortation level, appropriate labeling list, and piece ZIP later).

### 20. INVALID PACKAGE ID NUMBER! PIECES = (START PIECE-END PIECE).

Package ID numbers must be six digits, beginning with 000001 for the first package in the mailing or container.